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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Kang et al.

Title: LAYERED CATHODE
MATERIALS FOR LITHIUM ION
RECHARGEABLE BATTERIES

Appl. No.: 10/699,484

Filing Date: 10/31/2003

Examiner:

Art Unit:

<p align="center">CERTIFICATE OF MAILING</p> <p>I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date below.</p> <p><u>Krisse Simon</u> (Printed Name)</p> <p><u>Krisse Simon</u> (Signature)</p> <p><u>February 16, 2005</u> (Date of Deposit)</p>
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**INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.56**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56.

A copy of each non-U.S. patent document and each non-patent document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

TIMING OF THE DISCLOSURE

The listed documents are being submitted in compliance with 37 CFR §1.97(b), before the mailing date of the first Office Action on the merits.

RELEVANCE OF EACH DOCUMENT


All of the documents are in English.

Applicants respectfully request that any listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 06-1450. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 06-1450.

Respectfully submitted,

Date 2-16-05

By 

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95. 30 persons are required

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449B/PTO

Complete if Known

Date Submitted: February 16, 2005

(use as many sheets as necessary)

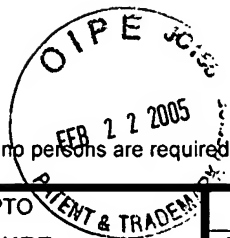
Application Number	10/699,484
Filing Date	10/31/2003
First Named Inventor	Sun-Ho Kang
Group Art Unit	
Examiner Name	
Attorney Docket Number	051583-0289

Sheet	1	of	2
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[illegible][illegible]Date
Considered

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Date Submitted: February 16, 2005

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Complete if Known

Application Number	10/699,484
Filing Date	10/31/2003
First Named Inventor	Sun-Ho Kang
Group Art Unit	
Examiner Name	
Attorney Docket Number	051583-0289

Sheet 2 of 2

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	A3	OHZUKU ET AL., "Layered Lithium Insertion Material of LiNi _{1/2} Mn _{1/2} O ₂ : A Possible Alternative to LiCoO ₂ for Advanced Lithium-Ion Batteries", Chemistry Letters, 2001, pp. 744-745, The Chemical Society of Japan	
	A4	LU ET AL., "Layered Cathode Materials Li[Ni _x Li _(1/3-2x/3) Mn _(2/3-x/3)]O ₂ for Lithium-Ion Batteries," Electrochemical and Solid-State Letters, 2001, pp. A191-A194, Vol. 4 (11), The Electrochemical Society, Inc.	
	A5	LU ET AL., "Understanding the Anomalous Capacity of Li/Li[Ni _x Li _(1/3-2x/3) Mn _(2/3-x/3)]O ₂ Cells Using In Situ X-Ray Diffraction and Electrochemical Studies", Journal of The Electrochemical Society, 2002, pp. A815-A822, Vol. 149 (7), The Electrochemical Society, Inc.	
	A6	KIM ET AL., "Layered xLiMO ₂ •(1-x)Li ₂ M'O ₃ Electrodes for Lithium Batteries: A Study of 0.95LiMn _{0.5} O ₂ •0.05Li ₂ TiO ₃ ", Elsevier Science B.V., 2002, pp. 205-209, Vol. 4, Electrochemistry Communications	

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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